SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Carl T. Wittwer, Kirk M. Ririe, Randy P.

Rasmussen, and David R. Hillyard

(ii) TITLE OF INVENTION: SYSTEM AND METHOD FOR CARRYING OUT

AND MONITORING BIOLOGICAL PROCESSES

(iii) NUMBER OF SEQUENCES: 6

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Thorpe, North & Western

(B) STREET: 9035 South 700 East, Suite 200

(C) CITY: Sandy

(D) STATE: Utah

(E) COUNTRY: USA

(F) **ZIP:** 84070

(V) COMPUTER READABLE FORM:

(A) **MEDIUM TYPE:** Diskette, 3.5 inch, 1.4 Mb storage

(B) COMPUTER: Toshiba 200CDS

(C) **OPERATING SYSTEM:** DOS 7.0

(D) **SOFTWARE:** Word Perfect 7.0

(vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER:
- (B) FILING DATE: June 4, 1997
- (C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

- (A) APPLICATION NUMBER:
- (B) FILING DATE:

(viii) ATTORNEY/AGENT INFORMATION:

- (A) **NAME:** Grant R. Clayton
- (B) **REGISTRATION NUMBER:** 32,462
- (C) REFERENCE/DOCKET NUMBER: 8616CIP5

(ix) TELECOMMUNICATION INFORMATION:

(A) **TELEPHONE:** (801) 566-6633

(B) **TELEFAX:** (801) 566-0750

(2) INFORMATION FOR SEQ ID NO:1:

(i) **SEQUENCE CHARACTERISTICS:**

(A) **LENGTH:** 20

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single-stranded

(D) TOPOLOGY: linear

(xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:1:

CGTGGTGGAC TTCTCTCAAT 20

- (2) INFORMATION FOR SEQ ID NO:2:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) **LENGTH:** 20
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single-stranded
 - (D) TOPOLOGY: linear
 - (xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:2:

AGAAGATGAG GCATAGCAGC 20

- (2) INFORMATION FOR SEQ ID NO:3:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) **LENGTH:** 35
 - (B) TYPE: nucleic acid
 - (C) **STRANDEDNESS:** single-stranded
 - (D) TOPOLOGY: linear
 - (xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:3:

CAAACAGACA CCATGGTGCA CCTGACTCCT GAGGA 35

- (2) INFORMATION FOR SEQ ID NO:4:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) **LENGTH:** 30
 - (B) TYPE: nucleic acid
 - (C) **STRANDEDNESS:** single-stranded
 - (D) TOPOLOGY: linear
 - (xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:4:

AAGTCTGCCG TTACTGCCCT GTGGGGCAAG 30

(2) INFORMATION FOR SEQ ID NO:5:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) **LENGTH:** 22
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single-stranded
 - (D) TOPOLOGY: linear
- (xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:5:

GGTTGGCCAA TCTACTCCCA GG 22

- (2) INFORMATION FOR SEQ ID NO:6:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) **LENGTH:** 20
 - (B) TYPE: nucleic acid
 - (C) **STRANDEDNESS:** single-stranded
 - (D) TOPOLOGY: linear
 - (xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:6:

GCTCACTCAG TGTGGCAAAG 20